



# INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

<b>Application Number</b>	09/873,567
<b>Filing Date</b>	June 4, 2001
<b>First Named Inventor</b>	Joseph P. Meehan
<b>Group Art Unit</b>	2631
<b>Examiner Name</b>	N/A
<b>Attorney Docket Number</b>	US010229

Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

- I certify that these documents were first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three (3) months ago.
- I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.
  - Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.
  - A fee under §1.17(p) is not required under §1.97(c), after the first Action on the merits and more than (3) months after the date of application or RCE, because I certify 1. or 2. as indicated above.
  - A copy of the citations is not required because they were previously submitted or cited in the parent application (or in U.S. patent application Ser. No. \_\_\_\_\_, Filing Date \_\_\_\_\_ relied on for an earlier effective filing date under 35 U.S.C. 120).
- A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.
- A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

- cited in the specification or considered in drafting the specification of this application;
- previously submitted or cited in the parent application (or in a related patent application Ser. No. \_\_\_\_\_, Filing Date: \_\_\_\_\_);
- cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print Type)	Michael E. Marion	Registration No. (Attorney/Agent)	32,266
Signature		Date	November 12, 2004

## CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. BOX 1450 Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel. # : \_\_\_\_\_ on the date below:

Name (Print Type)	Patti DeMichele		
Signature		Date	November 12, 2004



FEE PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Atty. Docket No. US010229	Serial No. 09/873,567			
				Applicant Joseph P. Meehan				
				Filing Date June 4, 2001	Group 2631			
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)								
U.S. PATENT DOCUMENTS								
Ex. Int.		Document Number		Date	Name	Class	Sub- class	Filing Date If Approp.
	AA							
	AB							
	AC							
	AD							
	AE							
	AF							
FOREIGN PATENT DOCUMENTS								
		Document Number		Date	Country	Class	Sub- class	Trans.
								Yes      No
	AG							
	AH							
	AI							
	AJ							
	AK							
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AL		"Symbol-Rate Timing Recovery Comprising the Optimum Signal-to-Noise Ratio in a Digital Subscriber Loop", by Antoni Fertner et al., XP-000702910, IEEE Transactions on Communications, Vol. 45, No. 8, August 1997, pages 925-936.					
	AM							
	AN							
Examiner				Date Considered				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP Draw line through citation if not in conformance and not considered. Include a copy this form with next communication to applicant.</p>								